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Substitute for form 1449/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

**(Use as many sheets as necessary)**

Sheet	1	of	3
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**Complete if Known**

<b>Application Number</b>	<b>10/664303</b>
<b>Filing Date</b>	<b>September 16, 2003</b>
<b>First Named Inventor</b>	<b>Andrew Edward Feiring Et. Al.</b>
<b>Art Unit</b>	<b>1751</b>
<b>Examiner Name</b>	<b>Unknown</b>
<b>Attorney Docket Number</b>	<b>CL2275USNA</b>

[illegible][illegible]

**Examiner  
Signature**

R. Ashton

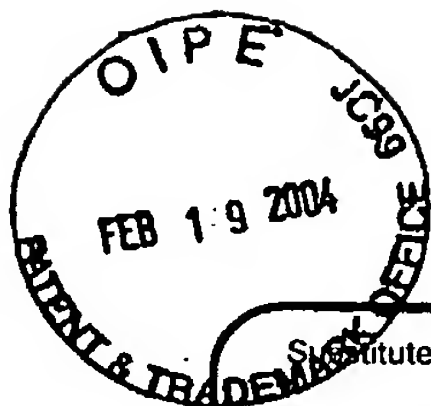
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Substitute for form 1449A/PTO		<b>Complete if Known</b>	
		Application Number	10/664303
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Filing Date	September 16, 2003
		First Named Inventor	ANDREW EDWARD FEIRING ET. AL.
		Group Art Unit	1751
		Examiner Name	Unknown
		Attorney Docket Number	CL2275USNA
Sheet	2	of	3

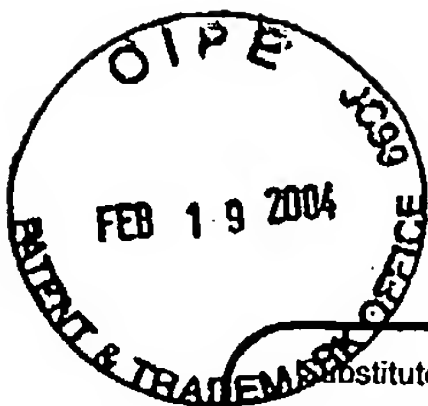
OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
EA		"Synthesis and Evaluation of Alicyclic Backbone Polymers for 193 nm Lithography" Hiroshi Ito, Norbert Seehof, Rikiya Sato, Tomonari Nakayama and Mitsuru Ueda American Chemical Society (1998) Chapter 16, pp208-223	<input type="checkbox"/>
EA		Journal Article (Abstract) "Vinyl Polymerization. LXXXVIII. Polymerization and Copolymerization of Endo- and Exo-5-Cyanobicyclo[2.2.1]hept-2-ene" Imoto, Minoru; Otsu, Takayuki; Ito, Toshio, Kogyo Kagaku Zasshi (1964), 67(6), 961-5	<input type="checkbox"/>
EA		Journal Article (Abstract) "Vinyl Polymerization. LXXII. Preparation and Polymerization of Vinyl Bicyclo[2.2.1] Heptane-2-Carboxylate", Imoto, Minoru; Otsu, Takayuki; Fukuda, Wakichi, Kogyo Kagaku Zasshi (1963), 66(6), 832-6	<input type="checkbox"/>
EA		Neal Brace, J. Org. Chem. 27, (1962), 3027-3032, "Free Radical Addition of Iodoperfluoroalkanes to Bicyclic Olefins"	<input type="checkbox"/>
EA		S. Breunig et al. Makromol. Chem. 193, 2915-2927 (1992) "Transition-metal-catalyzed vinyl addition polymerizations of norbornene derivatives with ester groups"	<input type="checkbox"/>
EA		American Chemical Society (1985) 3269-3274, Andrew E. Feiring, "Reaction of Perfluoroalkyl Iodides with Electron Donor Nucleophiles. Addition of Perfluoroalkyl Iodides to Olefins Initiated by Electron Transfer"	<input type="checkbox"/>
EA		Journal of Photopolymer Science and Technology, Vol 13, Number 4 (2000) 657-664, Takashi Chiba et al. "157 nm Resist Materials: A Progress Report"	<input type="checkbox"/>
EA		Robert L. Augustine, "Catalytic Hydrogenation", Marcel Dekker, Inc. New York (1965), 125-146	<input type="checkbox"/>
EA		Louis Schmerling, J.P. Luvini and Robert W. Welch, "Some Reactions of 2,5-Norbornadiene (Bicyclo[2.2.1]-2,5-heptadiene)" (1956) Contribution from the Research and Development Laboratories, Universal Oil Products Co.	<input type="checkbox"/>
EA		Viacheslav A. Petrov, Synthesis 2002, No.15, 2225-2231, ISSN0039-7881 "Synthesis of Polyfluorinated Tertiary Alcohols Using Ring Opening Reactions of 2,2-Bis(trifluoromethyl)Oxirane"	<input type="checkbox"/>
EA		Richard A. Bartsch and John Gun Lee, J. Org. Chem (1991) 212-217 "Stereochemistry of Base-Promoted 1,2-Elimination from exo-2-Bicyclo[2.2.1]heptyl Tosylate and Chloride"	<input type="checkbox"/>

Examiner Signature	<i>2. Ashton</i>	Date Considered	11-23-04
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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 3 of 3

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Filing Date	September 18, 2003
First Named Inventor	ANDREW EDWARD FEIRING ET. AL.
Group Art Unit	1751
Examiner Name	Unknown
Attorney Docket Number	CL2275USNA

## OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
RA		Neal O. Brace, Journal of Fluorine Chemistry, 20 (1982) 313-327 "Some Approaches to the Synthesis of Fluorinated Alcohols and Esters. II. Use of F-Alkyl Iodides for the Synthesis of F-Alkyl Alkanols"	<input type="checkbox"/>
WA		Raymond J. Hung et al., "Resist Materials for 157 nm Microlithography: An Update" Proceedings of SPIE Vol. 4345 (2001) 385-395	<input type="checkbox"/>
RA		John D. Roberts, E.R. Trumbull, Jr., Winnifred Bennett and Rose Armstrong, "The Reaction of Norbornylene with N-Bromosuccinimide. Nortricyclene and its Derivatives" (1950) Vol 72, 3116-3124 Contribution from the Department of Chemistry and Laboratory of Nuclear Science and Engineering, Massachusetts Institute of Technology	<input type="checkbox"/>
RA		Brian C. Trinke et al., J. Vac. Sci. Technol (2002) 531-536 "Recent advances in resists for 157 nm microlithography"	<input type="checkbox"/>
WA		Francis W. Michelotti and J. H. Carter, J. Am. Chem. Soc. (1965) 224-233 "Polymerization of Norbornene and Derivatives. II. Selectivity in the Polymerization of Exoisomers by Iridium Catalysis"	<input type="checkbox"/>
RA	Tran, H et al	Daniel p. Snaders, Eric F. Connor, and Robert H. Grubbs, Macromolecules 2002, Vol 35, 6539-6549 American Chemical Society, "Metal-Catalyzed Vinyl Addition Polymers for 157 nm Resist Applications. 2. Fluorinated Norbornenes: Synthesis, Polymerization, and Initial Imaging Results"	<input type="checkbox"/>
RA		Ralph R. Dammel et al., Journal of Photopolymer Science and Technology, Vol 14 (2001) 603-612 "New Resin Systems for 157 nm Lithography"	<input type="checkbox"/>
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